

JCT7 Rec'd PCT/PTO 21 MAY 2001

FORM PTO-1390 (Modified)
(REV 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

P-25.096

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

09/856384

INTERNATIONAL APPLICATION NO.
PCT/JP00/03985INTERNATIONAL FILING DATE
26 July 1999 (26.07.99)PRIORITY DATE CLAIMED
19 November 1998 (19.11.98)

TITLE OF INVENTION

**OPTICAL APPARATUS, EXPOSURE APPARATUS, LASER LIGHT SOURCE, GAS SUPPLY METHOD,
EXPOSURE METHOD, AND DEVICE MANUFACTURING METHOD**

APPLICANT(S) FOR DO/EO/US

Kiyoshi MOTEGI and Satoru OSHIKAWA

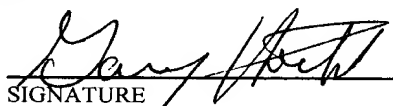
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau. (see form PCT/IB/308 dated 02 June 2000)
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). **executed 10 & 21 May 2001**
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 20 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22. ☒ Certificate of Mailing by Express Mail **dated May 21, 2001 - Label No. EL288594580US**
23. ☒ Other items or information:

-copy of cover sheet of International Publication No. WO 00/31780, published on 02 June 2000 (02.06.2000)

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.53) 09/856384		INTERNATIONAL APPLICATION NO. PCT/JP00/03985		ATTORNEY'S DOCKET NUMBER P-25,096 USA	
24. The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :				CALCULATIONS PTO USE ONLY	
<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1000.00					
<input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$860.00					
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$710.00					
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$690.00					
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00					
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$860.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	37 - 20 =	17	x \$18.00	\$306.00	
Independent claims	7 - 3 =	4	x \$80.00	\$320.00	
Multiple Dependent Claims (check if applicable).				<input type="checkbox"/> \$0.00	
TOTAL OF ABOVE CALCULATIONS =				\$1,486.00	
<input type="checkbox"/> Applicant claims small entity status. (See 37 CFR 1.27). The fees indicated above are reduced by 1/2.				\$0.00	
SUBTOTAL =				\$1,486.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$0.00	
TOTAL NATIONAL FEE =				\$1,486.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).				<input checked="" type="checkbox"/> \$40.00	
TOTAL FEES ENCLOSED =				\$1,526.00	
				Amount to be: refunded	\$
				charged	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$1,526.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-5425 A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:					
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Gary A. Hecht SYNNSTVEDT & LECHNER LLP 1101 Market Street 2600 Aramark Tower Philadelphia, PA 19107-2950 Tele: (215) 923-4466 Facsimile: (215) 923-2189 E-mail: ghecht@synnlechl.com </div> <div style="width: 45%; text-align: right;">  SIGNATURE Gary A. Hecht NAME 36,826 REGISTRATION NUMBER May 21, 2001 DATE </div> </div>					

09/856384

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

 Applicant(s): **Kiyoshi MOTEGI & Satoru OSHIKAWA**

 Rec'd PCT/PTO, 21 MAY 2001
 Docket No.

P-25,096 USA

 Serial No.
 N/A

 Filing Date
 Herewith

 Examiner
 N/A

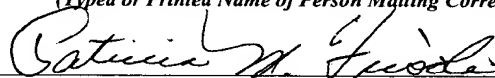
 Group Art Unit
 N/A

 Invention: **OPTICAL APPARATUS, EXPOSURE APPARATUS, LASER LIGHT SOURCE, GAS SUPPLY METHOD, EXPOSURE METHOD, AND DEVICE MANUFACTURING METHOD**

I hereby certify that the following correspondence:

U.S. National Phase Application (including transmittal letter to U.S. Designated/Elected Office and supporting papers
(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231

May 21, 2001
(Date)
Patricia M. Frisoli
(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)
EL288594580US
("Express Mail" Mailing Label Number)
Note: Each paper must have its own certificate of mailing.

patent application serial no. **09 / 856 384**

*Department of Commerce
Patent and Trademark Office
for record*

05/25/2001 MNGUYEN 00000110 09856384

01 FC:970	860.00	OP
02 FC:966	306.00	OP
03 FC:964	320.00	OP